

# **PROJECT PLANNING REVIEW (PPR) FOR 2<sup>ND</sup> QUARTER SFY 2020**

**Planning and Programming Committee**

**October 11, 2019**

# ACTION REQUESTED

**Recommend this item to the Executive Committee for placement on the December 2019 Board of Directors' agenda:**

- **2<sup>nd</sup> Quarter SFY 2020 Project Planning Review for:**
  - Items 5.a.i. – v. unless individual action is required

## PREVIOUS ACTION

- Presented to the Transit, Bicycle and Pedestrian Advisory and Safety Operations Councils for information and input.
- Presented to the Business, Community and Rural Advisory Councils for information and input.
- Recommended by the Transportation Subcommittee.

# BACKGROUND

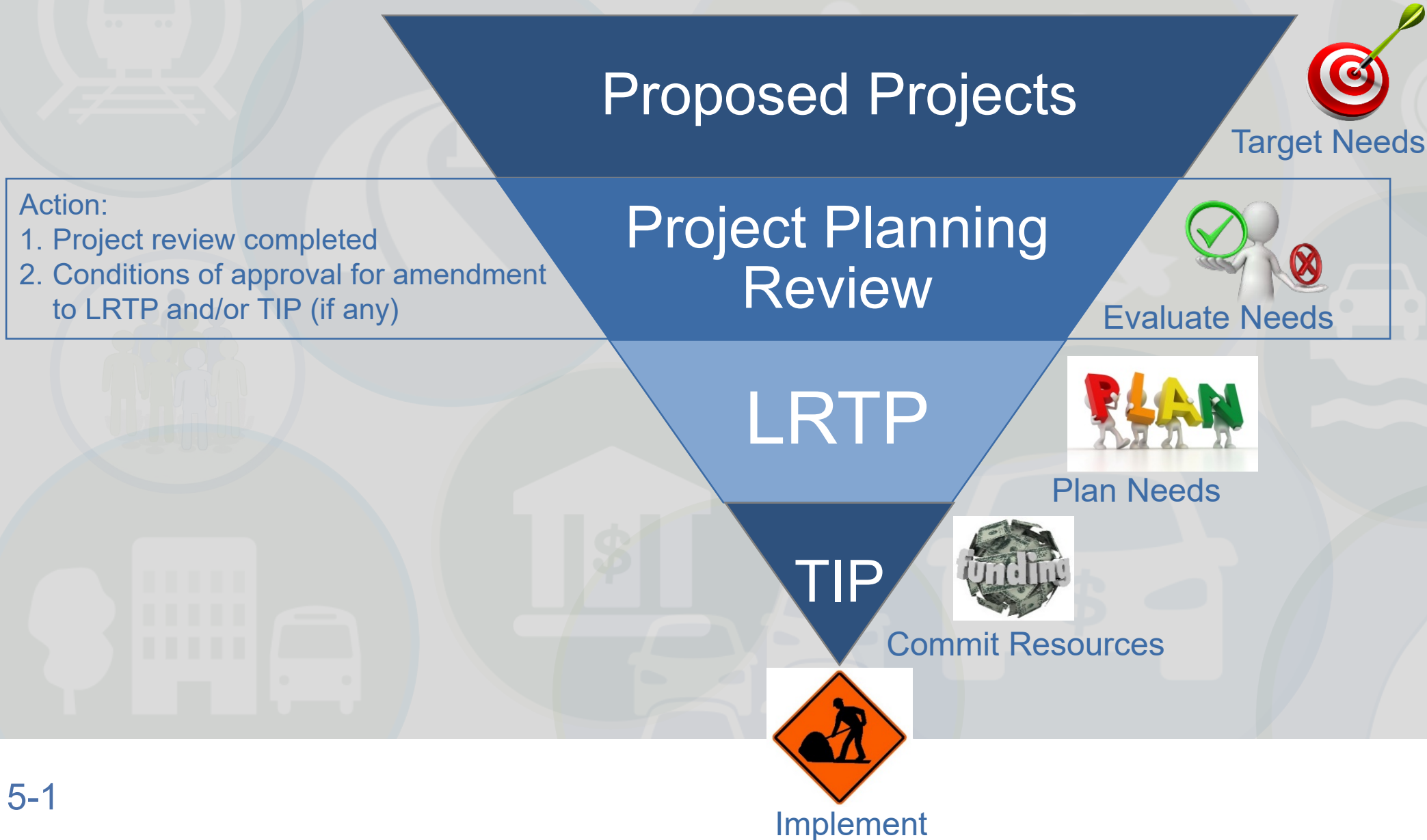
## The purpose of Project Planning Review:

- To assess if a proposed project helps to achieve NOACA visions and goals; and
- To ensure that proposed project is consistent with NOACA planning requirements and oversight agency requirements

## Review of proposed projects involves:

- Staff review
- NOACA Board, including committees, subcommittees And advisory councils
- Intergovernmental Review and Consultation (IGRC)
- Public involvement

# BACKGROUND



# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-77 in Cuyahoga County

Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	CUY IR 77, from the CSX Bridge to Broadway Ave (SR-14), in Cuyahoga Heights, Newburgh Heights and Cleveland (project sponsor: ODOT)	Improvements: <ul style="list-style-type: none"><li>• Pavement replacement<ul style="list-style-type: none"><li>◦ Work will also include:<ul style="list-style-type: none"><li>• Replacing the median barrier</li><li>• Upgrading the drainage</li><li>• Widening the shoulders where possible</li></ul></li></ul></li></ul>	\$71.2M (Multi-Lane Major Rehabilitation & ODOT) <ul style="list-style-type: none"><li>• PEPD - \$2.2M (2019)</li><li>• PEDD - \$1.0M (2021)</li><li>• CO - \$68.0M (2022)</li><li>• CE - \$50k (2022)</li></ul>



# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-77 in Cuyahoga County



# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-77 in Cuyahoga County

Recommendations *	Completed	In Progress
Staff recommends the sponsor refer to ODOT Managed Lane study for recommendations concerning hard shoulder running and consider evaluating if feasible.		✓
Staff recommends the sponsor refer to ODOT Managed Lane study for recommendations concerning ramp metering and consider implementing ramp metering to improve flow for I-77 mainline travel lanes.		✓
Staff recommends not amending the construction (CO) phase of the project to the TIP until the Feasibility Study is completed and shared with regional stakeholders.		✓

\* Recommendations have been forwarded to the project sponsor for consideration and coordination.

# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-77 in Cuyahoga County

Advisory Council Recommendations *	Completed	In Progress
<b>Transit Council:</b> <ul style="list-style-type: none"><li>The Transit Council supports hardened shoulders where feasible to allow for maintenance of traffic in case of incidents and also for buses to get around in case there is an incident.</li></ul>		✓
<b>Bicycle Pedestrian Advisory Council:</b> <ul style="list-style-type: none"><li>The Slavic Village Downtown Connector Trail (SVDC) Phase 1, from Fleet Avenue to Pershing Avenue, will be located in the area of the proposed project. The BPAC recommends ODOT coordinate with City of Cleveland and NOACA to make sure that, if there is an opportunity to design and develop the projects concurrently, both projects can move forward.</li></ul>		✓

\* Recommendations have been forwarded to the project sponsor for consideration and coordination.



# BACKGROUND

## Projects not requesting NOACA funds

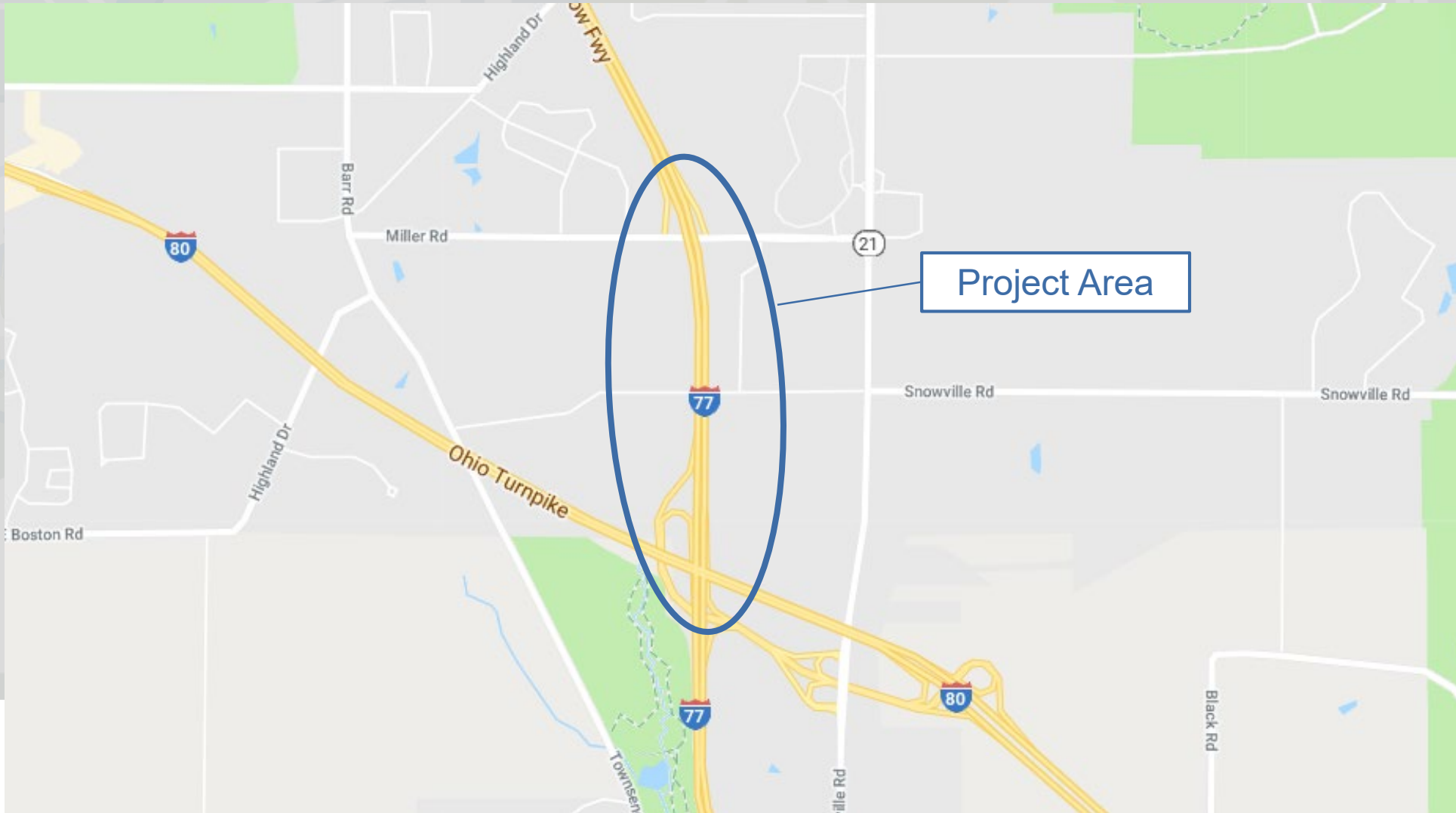
### Modification of Interchange at IR-77/Miller Rd in Brecksville

Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	CUY IR 77 / MILLER RD INTERCHANGE at I-77 and Miller Road, in Brecksville (project sponsor: City of Brecksville)	Improvements: <ul style="list-style-type: none"><li>• Complete the existing partial diamond interchange by:<ul style="list-style-type: none"><li>○ adding a northbound (NB) exit ramp and a southbound (SB) entrance ramp</li><li>○ adding an auxiliary lane between new SB entrance ramp and the IR-80 exit ramp</li><li>○ widening Miller Rd to provide left-turn lanes (including structure widening)</li><li>○ adding dual westbound (WB) right turn lanes onto the IR-77 NB entrance ramp</li></ul></li></ul>	\$4.9M (TRAC & Brecksville) <ul style="list-style-type: none"><li>• PEPD - \$3.0M (2020)</li><li>• PEDD - \$760k (2021)</li><li>• RW - \$1.1M (2021)</li></ul>

# BACKGROUND

## Projects not requesting NOACA funds

### Modification of Interchange at IR-77/Miller Rd in Brecksville



# BACKGROUND

## Projects not requesting NOACA funds

### Modification of Interchange at IR-77/Miller Rd in Brecksville

Condition *	Completed	In Progress
As per NOACA policy, the sponsor must provide a feasibility study or alternatives evaluation report or the completed Interchange Modification Study (IMS).		✓

\* Condition has been forwarded to the project sponsor for consideration and coordination.

# BACKGROUND

## Projects not requesting NOACA funds

### Modification of Interchange at IR-77/Miller Rd in Brecksville

Bicycle Pedestrian Advisory Council Recommendations *	Completed	In Progress
<p>If the structure on Miller Road over IR-77 is to be widened (per the project description), the BPAC recommends the sponsor consider widening the sidewalk more than five feet.</p> <ul style="list-style-type: none"><li>The BPAC recommended that the sponsor consider widening the sidewalk to at least eight feet, and, if possible, make at least one sidewalk 10 feet wide.</li></ul>		✓

\* Recommendation has been forwarded to the project sponsor for consideration and coordination.

# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-90 in Cuyahoga County

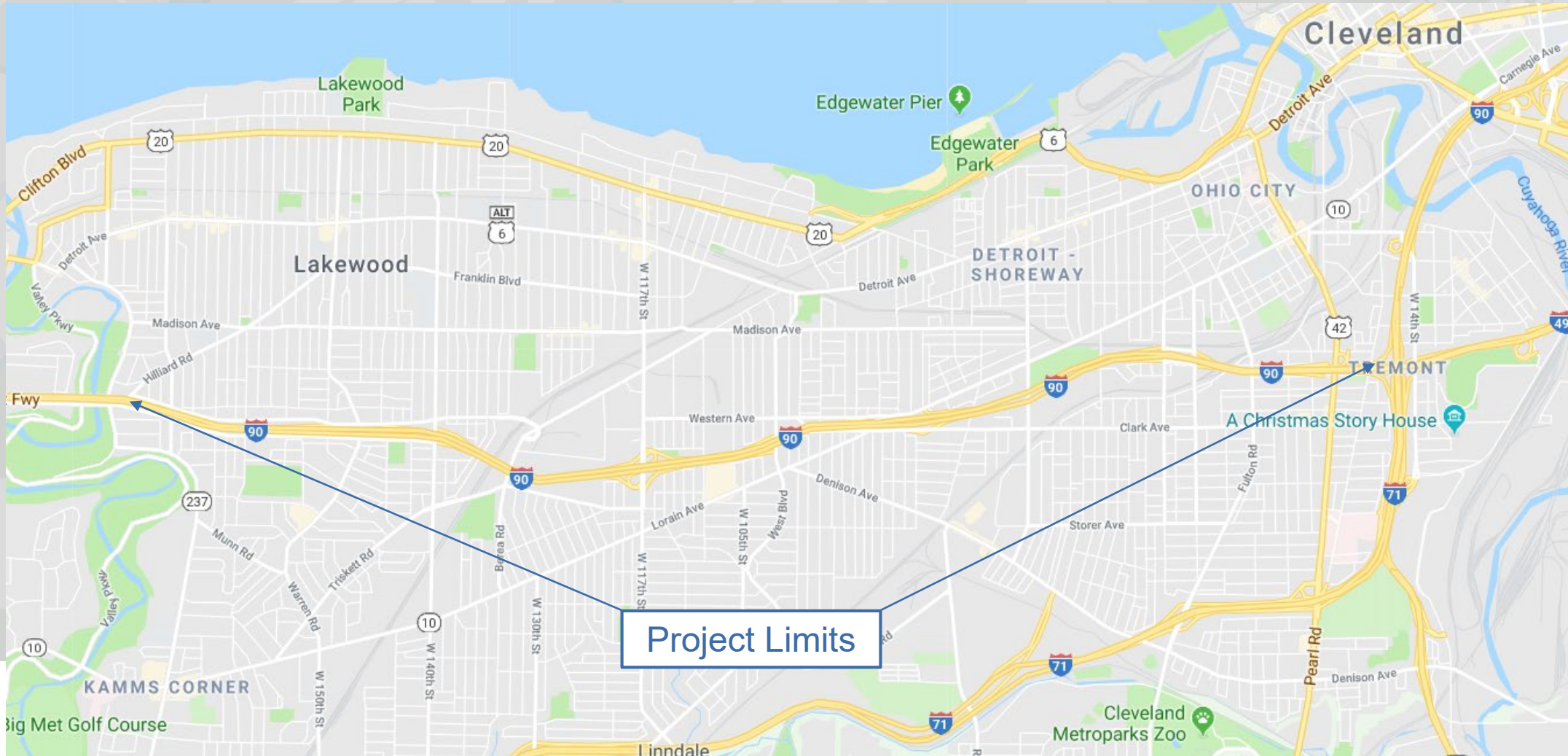
Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	CUY IR 90, from the Hilliard exit ramp bridge to I-71 in Rocky River, Lakewood and Cleveland (project sponsor: ODOT)	Improvements: <ul style="list-style-type: none"><li>• Pavement replacement<ul style="list-style-type: none"><li>○ Work will include:<ul style="list-style-type: none"><li>▪ replacing sections of median barrier</li><li>▪ lowering the pavement under several structures for vertical clearance</li></ul></li></ul></li></ul>	\$103M (Multi-Lane Major Rehabilitation & ODOT) <ul style="list-style-type: none"><li>• PEPD - \$4.1M (2020)</li><li>• PEDD - \$3.0M (2022)</li><li>• CO - \$96.0M (2024)</li><li>• CE - \$276k (2024)</li></ul>



# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-90 in Cuyahoga County



# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-90 in Cuyahoga County

Recommendations *	Completed	In Progress
Consider widening inside shoulder where feasible to support bus use as described in 2015 study evaluating bus-on-shoulder operation as an Active Travel Demand Management (ATDM) strategy. The sponsor may have to consider lane reductions at bridges.		✓
Consider ramp metering as a safety and congestion management strategy as suggested in ATDM study.		✓
Consider implementing countermeasures recommended at interchanges in recent safety studies at log points 9.09 (Warren Rd) and 11.85 (Lorain Rd / SR-10).		✓
Staff recommends not amending the construction (CO) phase of the project to the TIP until the Feasibility Study is completed and shared with regional stakeholders.		✓

\* Recommendations have been forwarded to the project sponsor for consideration and coordination.

# BACKGROUND

## Projects not requesting NOACA funds

### Major Rehabilitation on IR-90 in Cuyahoga County

Transit Council Recommendation *	Completed	In Progress
The Transit Council supports hardened shoulders where feasible to allow for maintenance of traffic in case of incidents and also for buses to get around in case there is an incident.		✓

\* Recommendation has been forwarded to the project sponsor for consideration and coordination.

# BACKGROUND

## Projects not requesting NOACA funds

### Construct Noise Barrier along IR-271 in Pepper Pike

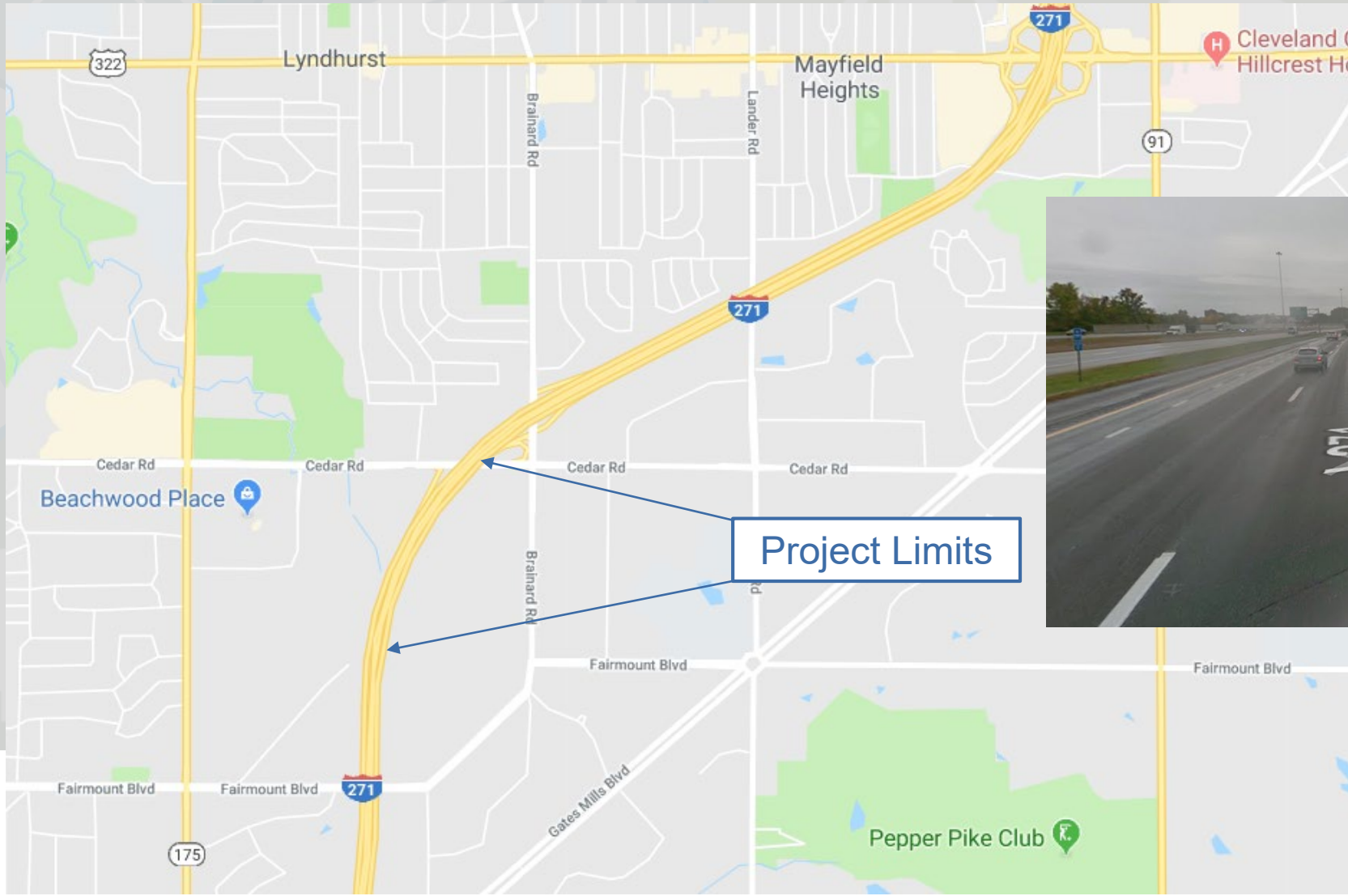
Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	CUY IR 271, from 0.09 mile north of North Woodland Rd to Cedar Rd, in Pepper Pike (project sponsor: ODOT)	Improvement: <ul style="list-style-type: none"><li>Construct approximately 3,200 feet of Type 1 noise barrier along the east side of IR-271</li></ul>	\$1.5M (Major/New Construction & ODOT) <ul style="list-style-type: none"><li>PEDD - \$253k (2019)</li><li>CO - \$1.2M (2021)</li><li>CE - \$25k (2021)</li></ul>



# BACKGROUND

## Projects not requesting NOACA funds

### Construct Noise Barrier along IR-271 in Pepper Pike





# BACKGROUND

## Projects not requesting NOACA funds

### GCRTA FY 2020 Capital Program in Cuyahoga County

Project Type	Project Name and Location	Primary Work Type	Total Cost
Transit	<p>GCRTA FY 2020 CAPITAL PROGRAM</p> <ul style="list-style-type: none"><li>• Sec. 5307 Capital Formula, Sec. 5337 State of Good Repair and Sec. 5339 Bus Facilities Grants;</li><li>• Adding 4 new projects:<ul style="list-style-type: none"><li>▪ Sec. 5307 - Rail Car Replacement Program, Track Bridge over Conrail, HVAC System Improvement Program; and</li><li>▪ Sec. 5337 - Rail Utility Vehicle Prime Mover Replacement</li></ul></li><li>• Revisions to five existing grants:<ul style="list-style-type: none"><li>▪ FY 2019 Sec. 5307 Capital Formula, Sec. 5337 State of Good Repair and Sec. 5339 Bus Facilities Grants;</li><li>▪ FY 2017 Sec. 5307 Capital Formula Grant; and</li><li>▪ FY 2016 Sec. 5337 State of Good Repair Grant</li></ul></li></ul> <p>Purpose: To re-allocate project funds to address under-runs, over-runs, and revised project priorities</p>	Capital expenditures	\$54.5M (Sec. 5307, Sec. 5337, Sec. 5339/ local)

# FINANCIAL IMPACTS

- **There is no financial impact**
- **Action does not approve proposed funding or implementation schedule of the project**

# NEXT STEPS

With Board approval, project sponsor will be notified that their project has completed PPR.

Project that met conditions of PPR will be incorporated in the long-range transportation plan *AIM Forward 2040* and the SFY 2018 – 2021 TIP accordingly.



# ACTION

**Recommend this item to the Executive Committee for placement on the December 2019 Board of Directors' agenda:**

- **2<sup>nd</sup> Quarter SFY 2020 Project Planning Review for:**
  - Items 5.a.i. – v. unless individual action is required



**Motion  
Second  
Discussion  
Put the Question**





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

